

Purchase Order Receipt Listing

Wednesday, August 03, 2016 2:33:08 PM

All amounts are calculated in domestic currency.

All Vendors PO ID PO33149 All Receipt Dates All Line Item Types
All Item ID/GL/VOs All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID \ Vendor Name											
VC-COP001 Thyssenkrupp Materials CA Ltd											
PO33149	1		M303R0.500 f	f	8/5/2016	8/3/2016	36.0000	\$1.43	0.0000	0	\$51.56
CAD	No		303 Round Bar 0.500" f m135377		36.0000	PLOU01		\$51.56	0.0000	0	
2			M303R1.000 f	f	8/5/2016	8/3/2016	12.0000	\$5.59	0.0000	0	\$67.09
No			303 Round Bar 1.00 f m135377		12.0000	PLOU01		\$67.09	0.0000	0	
4			M304B0.375X03.000 f	f	8/5/2016	8/3/2016	12.0000	\$8.20	0.0000	0	\$98.34
No			M304 SS bar .375 x 3 m135377		12.0000	PLOU01		\$98.34	0.0000	0	
5			M304B0.750X2.500 f	f	8/5/2016	7/28/2016	12.0000	\$17.81	0.0000	0	\$213.71
No			304 BAR .750 X 2.50 f m135355		12.0000	PLOU01		\$213.71	0.0000	0	
6			M304S16GA sf	sf	8/5/2016	8/3/2016	160.0000	\$3.17	0.0000	0	\$506.76
No			304/316 Sheet .063 m135377		160.0000	PLOU01		\$506.76	0.0000	0	
7			M304S11GA sf	sf	8/5/2016	7/28/2016	80.0000	\$6.61	0.0000	0	\$528.86
No			304/316 0.125 Sheet m135355		80.0000	PLOU01		\$528.86	0.0000	0	
8			M5052H32S.063 sf	sf	8/5/2016	8/3/2016	32.0000	\$1.74	0.0000	0	\$55.53
No			5052-H32 .063 Sheet m135377		32.0000	PLOU01		\$55.53	0.0000	0	
9			M6061T6B0.250X02. f	f	8/5/2016	8/2/2016	12.0000	\$3.35	0.0000	0	\$40.21
No			6061-T6 Bar 0.25 x 2.50 m135377		12.0000	PLOU01		\$40.21	0.0000	0	

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor/ID/Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO33149	10	—	M6061T6B0.500X05. f 000		8/5/2016	8/2/2016	160.0000	\$4.94	0.0000	0	\$790.41
CAD	No		6061-T6 Bar .500 x f 5.00 m135377		160.0000	PLOU01		\$790.41	0.0000	0	
	11	—	M6061T6B0.500X10. f 000		8/5/2016	8/2/2016	108.0000	\$10.72	0.0000	0	\$1,158.04
No	No		6061-T6 Bar .500 x f 10.00 m135377		100.0000	PLOU01		\$1,158.04	0.0000	0	
	12	—	M6061T6B0.375X01. f 000		8/5/2016	8/2/2016	20.0000	\$3.35	0.0000	0	\$67.02
No	No		6061T6 BAR .375 x f 1.00 m135377		12.0000	PLOU01		\$67.02	0.0000	0	
	13	—	M6061T6B1.000X02. f 000		8/5/2016	8/2/2016	12.0000	\$4.82	0.0000	0	\$57.82
No	No		6061-T6 Bar 1.00 x f 2.00 m135377		12.0000	PLOU01		\$57.82	0.0000	0	
	14	—	M6061T6B1.250X01. f 250		8/5/2016	8/2/2016	12.0000	\$3.33	0.0000	0	\$39.98
No	No		6061-T6 Bar 1.25 x f 1.25 m135377		12.0000	PLOU01		\$39.98	0.0000	0	
	15	—	M6061T6B1.500X01. f 500		8/5/2016	8/2/2016	12.0000	\$5.74	0.0000	0	\$68.93
No	No		6061-T6 Bar 1.50 x f 1.50 m135377		12.0000	PLOU01		\$68.93	0.0000	0	
	16	—	M6061T6H1.000 f		8/5/2016	8/2/2016	12.0000	\$2.87	0.0000	0	\$34.47
No	No		6061-T6 HexBar 1.00 f m135377		12.0000	PLOU01		\$34.47	0.0000	0	
	17	—	M6061T6R0.563 f		8/5/2016	8/2/2016	12.0000	\$2.87	0.0000	0	\$34.47
No	No		6061-T6 ROUND BAR .563 m135377		12.0000	PLOU01		\$34.47	0.0000	0	

Purchase Order ID/ Curr Type	Line Nbr/ Insp	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Rev Date/ Rev Emp	Rev Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID/Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO33149	18		M6061T6R0.500	f	8/5/2016	8/2/2016	12.0000	\$2.87	0.0000	0	\$34.47
CAD	No		6061-T6 Round Bar .500"	f	12.0000	PLOU01		\$34.47	0.0000	0	
			m135377								
	19		71401-45		8/5/2016	8/2/2016	1.0000	\$0.00	0.0000	0	\$0.00
	No		PROCUREMENT QUALITY CLAUSES		1.0000	PLOU01		\$0.00	0.0000	0	
			m135377								
	20		M6061T6R0.625	f	8/5/2016	8/2/2016	12.0000	\$2.87	0.0000	0	\$34.47
	No		6061-T6 Round Bar .625"	f	12.0000	PLOU01		\$34.47	0.0000	0	
			m135377								
	21		M6061T6R0.750	f	8/5/2016	8/2/2016	12.0000	\$2.87	0.0000	0	\$34.47
	No		6061-T6 Round Bar .750"	f	12.0000	PLOU01		\$34.47	0.0000	0	
			m135377								
	22		M6061T6S.080	sf	8/5/2016	8/2/2016	96.0000	\$3.46	0.0000	0	\$332.60
	No		6061-T6 .080 Sheet	sf	80.0000	PLOU01		\$332.60	0.0000	0	
			m135377								
	23		M6061T6S.125	sf	8/5/2016	8/2/2016	32.0000	\$4.49	0.0000	0	\$143.68
	No		6061-T6 .125 Sheet	sf	32.0000	PLOU01		\$143.68	0.0000	0	
			m135377								
Total Received Quantity:											869.0000
Total Qty to Inspect (PO U/M):											0.0000
Total Reject Quantity:											0.0000
Total Receipt Value:											\$4,392.85
Total Balance Due Quantity:											0.0000

B I L L O F L A D I N G

Ship From:
 THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 905-738-9033

Aug 2
 No: PEC 1961
 Ship Date 27 Jul 16 at 9:50 From PFW
 Probill
 Via VIM DELIVERY
 FOB CONCORD
 Frt PREPAID
 Route 0- 0 Manifest
 Vhcle Trailer
 Slp STAN IVERS (905-532-1350)
 Sold To: (20115)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7

Ship To: (1)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7
 Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-952268- 1 Your PO # 33149

ALUMINUM HEXAGON BAR 6061-T6511
 1.00" X 144.0000"

Heat Number Tag No
 201604076 554722

Quantity PCS Wt LBS
 12 FT 1 12

MTR

2) Our Order PEC-952268- 2 Your PO # 33149

ALUMINUM ROUND BAR 6061-T6511
 .562" DIA X 144.0000"

Heat Number Tag No
 183339-4 554723

Quantity PCS Wt LBS
 12 FT 1 4

MTR

3) Our Order PEC-952268- 3 Your PO # 33149

ALUMINUM ROUND BAR 6061-T6511
 .50" DIA X 144.0000"

Heat Number Tag No
 64732-141 554724

Quantity PCS Wt LBS
 12 FT 1 3

MTR

4) Our Order PEC-952268- 4 Your PO # 33149

ALUMINUM ROUND BAR 6061-T6511
 .625" DIA X 144.0000"

Heat Number Tag No
 421697-1 554725

Quantity PCS Wt LBS
 12 FT 1 4

MTR

5) Our Order PEC-952268- 5 Your PO # 33149

ALUMINUM ROUND BAR 6061-T6511
 .750" DIA X 144.0000"

Heat Number Tag No
 107327-4=1-A-1 554726

Quantity PCS Wt LBS
 12 FT 1 6

MTR

Page: 1Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
 RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

BD R504
 1 crate R-137
 Sep 16-8-3

Math Land

B I L L O F L A D I N G

No: PEC 1961

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 27Jul16 at 9:50 From PFW
Probill
Via VIM DELIVERY
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G

RA27997
RA31172
X5B3

** SHIP WITH 952262 SUR-CHARGE ADDED **

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

TOTAL 1 BDL, 1 SKID GW. 1036 LBS

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***

**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

***UNE SURCHARGE D'ENERGIE DE \$25.00

SERA AJOUTEE A CHAQUE COMMANDE.***

***POUR VOS BESOINS D'ACIER INOXYDABLE,

CONTACTEZ-NOUS. NOUS L'AVONS! TEL. 800-926-2600

Page: 3 Last

ALUMINIUM - LAITON - CUIVRE - PLASTIQUE - ACIER INOX
ALUMINUM - BRASS - COPPER - PLASTICS - STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

THYSSENKRUPP MATERIALS NA

PART AEROSPACE
ALUMINUM HEXAGON BAR 6061-T6511
1.00" X 1.44, 0.0000"
PART NO.

PO/REL 33149

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

[Signature]

BL PEC-001961-001

27Jul16
Pg 1/1

Certificate of Mill Test Results



Can Do.

Prince George, VA 23875

Service Center Metals

5850 Quality Way

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	ITEM
257420	5

BILL TO ThyssenKrupp Materials NA-Concord, ON	MANIFEST NUMBER 287752	OE NUMBER XB0056	DATE OF SHIPMENT 3/8/2016	CERTIFICATION ASTM-B221-14 Stencil Cont
SHIP TO ThyssenKrupp Materials NA-Concord, ON	CUSTOMER PO PEC-273249	ALLOY / TEMPER 6061-T6511	SALESPERSON D Schroeder (Canada)	SPECIFICATION AMS-QQA-200/8 - 1997
Quantity Certified 684 lbs 56 pcs	CUSTOMER PART NUMBER XB0056	DESCRIPTION Hex 1.000+/- .005		

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6.

Mechanical Properties

Tests Lot No.

4 201604076

Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
3/8/16	min 53.10 max 54.30	min 49.90 max 51.40	min 14.50 max 18.30

DAS
14
9-09
11/08/06

Chemical Composition for Aluminum Alloy 6061

Cast #	Lot No.	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Each	Others Total	Melt Source
02151604	201604076	6061	0.71	0.37	0.31	0.10	0.88	0.15	0.08	0.01	97.39	0.05	0.15	United States of America
02271604	201604076	6061	0.74	0.36	0.32	0.12	0.90	0.15	0.07	0.02	97.33	0.05	0.15	United States of America

SCM extrusions are manufactured in the USA.

Print Date: 3/9/2016

THYSSENKRUPP MATERIALS NA

PO/Rel 33149

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

PART AEROSPACE
ALUMINUM ROUND BAR 6061-T6511
.562" DIA X 144.0000"
PART NO.

Certificate of Mill Test Results
BL PEC-001961-002
27Jul16
Pg 1/1



TEL: (416) 745-4444 FAX: (416) 745-0925 1-800-668-7210
411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4
<http://www.extrudex.com>

MILL TEST

BILL TO THYSSENKRUPP MATERIALS NA	CERT CODE: 9	0.10	DIE NUMBER S 16303	DATE OF SHIPMENT Aug/13/2015	EXTRUDEX ORDER NO. 1833339 - 7	MANIFEST NO. 333130
SHIP TO THYSSENKRUPP MATERIALS NA	CUSTOMER PO PEC-268674		ALLOY 6061	TEMPER T6511	SALESMAN FORBES DODWELL	
SO DESCRIPTION .562" DIA	CUSTOMER PART NUMBER 16303-S		PART DESCRIPTION .562" DIA			
CERTIFICATION ASTM B221-14 AMS QQA 200/8					MADE IN CANADA	

Mechanical Properties

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness Rockwell F	Conductivity
A.11	6061	Aug/12/2015	42.80	40.00	17.80	89.4, 89.7, 89.0	

Chemical Composition

Cast Number	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sb	Sr	Co	Al	Other
A.11 29268 6061	0.55	0.209	0.201	0.053	0.34	0.061	0	0.01	0.012	0	0	0	0	0	0	0	0	0	0	Remainder 0.007

DAS
14
9-39
16108106

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.

David Natale
Quality Control Manager

1 - CUSTOMER COPY

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

PO/Rel 33149

Certificate of Mill Test Results

ALUMINUM ROUND BAR 6061-T6511
.50" DIA X 144.0000"
PART NO.

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by: 

BL PEC-001961-003

27Jul16

Pg 1/2

KAISER
ALUMINUM
FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

CUSTOMER PO NUMBER: PEC-276273-3		CUSTOMER PART NUMBER: R86/STK		PRODUCT DESCRIPTION: 0.500 +/- .004 ROD	
KAISER ORDER NUMBER: 6011886	LINE ITEM: 003	SHIP DATE: 06/28/2016	KAISER LOT NUMBER: 64732-141	ALLOY: 6061	TEMPER: T6511
WEIGHT SHIPPED: 976.000 LB	QUANTITY: 352.000 PCS	B/L NUMBER: 616104	DIAM/BAF/THKNS: 	WIDTH: 	LENGTH: 12.000 FT
SHIP TO: THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA			SOLD TO: THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA		

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
64732-141	0001	0001	45.7	41.9	21.7	RE 95	N/A	N/A
64732-141	0001	0002	45.7	42.0	17.6	RE 95	N/A	N/A
64732-141	0001	0003	45.7	41.9	22.2	RE 95	N/A	N/A
64732-141	0001	0004	45.2	41.3	21.7	RE 95	N/A	N/A
64732-141	0001	0005	45.5	41.7	21.5	RE 95	N/A	N/A
64732-141	0001	0006	45.4	41.4	20.8	RE 95	N/A	N/A
64732-141	0001	0007	45.4	41.7	21.6	RE 95	N/A	N/A
64732-141	0001	0008	45.6	41.8	20.9	RE 95	N/A	N/A
64732-141	0001	0009	45.7	42.1	21.9	RE 95	N/A	N/A
64732-141	0001	0010	45.5	41.9	20.2	RE 95	N/A	N/A
64732-141	0001	0011	45.4	41.6	21.2	RE 95	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.60	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
A37456	.59	.24	.23	.06	.90	.05	.03	.02	.00	.00	.00	.01	.03

Applicable Requirements:

ASTM-B221-14 NON-STENCILED ASME-SD221 2009 SECT II AMS-QQ-A-200/8A UNS#A96061 (T6511
also conforms to T6-not applicable to other tempers)

Miscellaneous Notes

MANUFACTURED IN USA (COMMERCE, CA) MELTED IN USA
MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY
OF ITS COMPOUNDS ARE UTILIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

Plant Serial: 00239513

Kaiser Order Number: 6011886

Line Item: 003

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM ROUND BAR 6061-T6S11
.50" DIA X 144.0000"
PART NO.

PO/Rel 33149

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-001961-003

27Jul16

Signed by: 

Pg 2/2

KAISER
ALUMINUM
FABRICATED PRODUCTS

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Ainee L. Macnowski, Quality & Technology Manager

Ainee L. Macnowski

Plant Serial: 00239513

Kaiser Order Number: 6011886

Line Item: 003

Page 2 of 2

THYSSENKRUPP MATERIALS NA

PART AEROSPACE
ALUMINUM ROUND BAR 6061-T6511
750" DIA X 144,000"
PART NO.

PO/Ref 33149

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

BL PEC-001961-005

27Jul16
Pg 1/1

Certificate of Mill Test Results



Nanshan America
Advanced Aluminum Technologies
3600 US Hwy 52 South
Lafayette, Indiana 47909
Main Office: (765) 269-4360

CERTIFIED INSPECTION REPORT FOR EXTRUDED PRODUCTS

BILL TO 10038 - B01-ThyssenKrupp Materials NA, Toro	MANIFEST NUMBER 14998	ONE NUMBER 1001	DATE OF SHIPMENT 3/4/2016
SHIP TO 10038 - B01-ThyssenKrupp Materials NA, Toro	CUSTOMER PO PEC-272049	ALUMINUM 6061	TESTER 76541
CUSTOMER PART NUMBER	NANSHAN PART NUMBER 40-00478	DESCRIPTION Rod 750" Diameter Stereoloid	SALSMAN Scott Rarick

OUR ORDER NUMBER 107327	ITEM 4
----------------------------	-----------

Applicable Requirements:
ASTM B221-14 AMS-QQ-A-200/8 Rev
A (2012-09) ASME SB221 - 1998 Sec II

Melted in USA
Manufactured in USA

Mechanical Properties

Lot
107327 41A1

Alloy
6061
Test No.
16030032
Test Date
03/02/16

Ultimate Tensile
Strength (KSI)
46.7

Yield Strength
(KSI)
40.7

Percent
Elongation
15%

Hardness

Conductivity

Chemical Limits

Alloy 6061	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Pb	Ti	Al	Y	B	Zr	Bi	Pb	Sn	Sr	Co	Er	Total
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.05	0.25	0.10	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.15
Density	Electrical Conductivity:																				
	Thermal Conductivity:																				
	Alloy Constant																				

Chemical Composition

Test Number 1602140	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Pb	Ti	Al	Y	B	Zr	Bi	Pb	Sn	Sr	Co	Er	Al Other
6061	0.71	0.28	0.30	0.06	0.91	0.10	0.00	0.02	0.01	0.01	0.04										97.57

Nanshan America hereby certifies that the material covered by this report has been inspected in accordance with, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. Mercury is not a normal contaminant in aluminum alloys. All material is ROHS Compliant. Neither mercury nor any of its compounds were utilized by Nanshan America in the manufacture of this material.

Material complies with FAR BAA (FAR 52.225-1, Buy American Act-Supplies), DFARS EAA (DFARS 252.225-7001 Buy American Act & Part of Payments From), and FAR TAA (FAR 52.225-5 Trade Agreements) Tempers T6511 meets T6 Requirements

Greg Talbert
Quality Manager

THYSSENKRUPP MATERIALS NA

PART: AEROSPACE
 ALL MINIMUM SHEET 6061 T6
 1250 Nom X 48.0000" X 96.0000"
 PART NO.

POBOL 33149

We certify that this is a true copy of the report
 furnished by the producer of the metal, or data
 resulting from tests made in approved labs.

Signed by: [Signature]

Certificate of Mill Test Results
 BL PEC-001961-007
 27Jul16
 Pg 1/1

Henan Xindatong Aluminum Industry Co., Ltd.

MILL TEST CERTIFICATE

Name	Lot No.	Size of Goods (Tech)	Alloy/ Temper	Chemical Composition (%)								Mechanical Properties		Standard
				Si	Fe	Cu	Mn	Mg	Ti	Cr	Al	Tensile Strength (MPa)	Elongation (%)	
Aluminum 6061 T6 Aluminum Sheet	RA31172	0.125" x 48" x 96"	6061 T6	0.451	0.236	0.206	0.081	0.943	0.0335	0.103	Remain	305	10.5	GB/T3880-2006
		0.125" x 48" x 144"												
	RA31175	0.125" x 48" x 120"	6061 T6	0.339	0.243	0.218	0.089	0.972	0.0327	0.124	Remain	317	12	GB/T3880-2006
	RA32008	0.125" x 60" x 120"	6061 T6	0.556	0.236	0.217	0.079	0.962	0.0226	0.104	Remain	302	10	GB/T3880-2006
		0.125" x 60" x 144"												
	RA32009	0.125" x 60" x 120"	6061 T6	0.538	0.2498	0.224	0.075	0.957	0.0254	0.107	Remain	308	11	GB/T3880-2006
RA32010	0.188" x 60" x 144"	6061 T6	0.625	0.305	0.235	0.092	0.101	0.0354	0.109	Remain	308	16	GB/T3880-2006	

INC REF: IDLC22294

Department of Goods and Services
 24 022 METRIC TONS ALUMINUM 6061 T6 ALUMINUM SHEET
 ACCORDING TO ASTM B209, AMS 4027M AND AMS-QQ-A-250/11
 CIF TORONTO

Inspector: Shao Jiguo

Date: MAY 24, 2016

Henan Xindatong Aluminum Industry Co., Ltd.

55.8
 1408/106
 24.48

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
STAINLESS STEEL ROUND BAR 303 STAINLESS
1.00" DIA X 144.0000"
PART NO.

PC/Rel 33149

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

[Signature]

Certificate of Mill Test Results

BL PEC-001961-008

27Jul16
Pg 1/1



METALLURGICAL TEST REPORT

North American Stainless Canada Inc.
740 Imperial Road North
Cuelph, ON N1K1Z3
Canada

740 Imperial Road North

Certificate: 130738 9

Mail To:
THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Date: 1/12/2016 Page: 1

Customer: 007206 001

SHIP TO:
THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Steel: 303
Finish: CD

Your Order: PEC271604

NAS Order: PN 0060474 04

Corrosion:
Red Ratio: 69.4 : 1

PRODUCT DESCRIPTION:

ROUND BAR, Annealed, Cold Draw
ASTM A582/12 EN 10204 3.1, ASTM A484/11
AMS 5640V TYPE 1, QQS-7643 CONDITION A
SOLUTION ANNEAL, TEMP 1900P MIN

REMARKS:

COMPLIES W/REQUIREMENTS OF DEAR 252.225-7009 EU DIRECTIVE
2011/65/EU, ROHS, EAF+AD+CC. NO WELD REPAIR, MELTED AND MFG
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

Handwritten: DMS 1.2 9.59 16/08/16

Product ID	SKID # Diameter	Size	Weight	-----Length-----	Mark	Pieces	Commodity Code
BH6660 5		1.0000	1.325	144.00	13	1	

CHEMICAL ANALYSIS CM(Country of Met) ES(Spain) US(United States) ZA(South Africa) JP(Japan)
Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323
Chemical Analysis per ASTM A751/08

HEAT#	CM	C %	CO %	CR %	CU %	MN %	MO %	N %	NI %	P %
X383	US	.0376	.1990	17.0865	.3320	1.8785	.2825	.0570	8.3895	.0295

S %	SI %
.3500	.5380

MECHANICAL PROPERTIES

Product ID	1 4 0 1 C F	HB No.	.278 KSI	UTS KSI	RA %	Elong % AD
BH6660 5	RL	196.0	75.88	85.14	42.19	24.27

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical
Dept. Mgr.

ERTS MARK 1/12/2016

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM ROUND BAR 6061-T6511
.625" DIA X 141.0000"
PART NO.

PO/Ref 33149

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PFC 001961-004

27Jul16

Signed by: 

Pg 1/1

CAN ART
ALUMINUM EXTRUSION INC.

Material Test Report

Manifest: 305131

Ticket:
5463028

Ship To: ThyssenKrupp Materials NA
2821 Langstaff Road
Concord, ON L4K 5C6

Our Order: 421697-1

Cust P.O.: 272882

Die: ES05631

Part: 05631-000-144

Alloy Temper: 6061 T6511

Description: .625

Print Date: 2/26/16

Chemical Composition Range

	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Other Each	Other Total
6061										
Min	0.40		0.15		0.8	0.04			0.05	0.15
Max	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15		

Mechanical Properties

Strength ksi

Sample ID	Cast #	Lot #	Test Date	Ultimate Tensile	Yield 2% offset	Elongation 2" gage length
421103	16023751B	A11	2/25/16	40.67	36.94	16.4

Applicable Specifications: ASTM B221-14

AMS-QQ-A200/8

Country of Origin: 85 Parkshore Drive, Brampton, Ontario CANADA L6T 5M1

Can Art Aluminum Extrusion Inc. certifies that materials shipped under this order have been inspected and tested in accordance with Aluminum Association and agreed upon customer specifications. Can Art assumes no liability for additional costs which may be incurred during the customer's manufacture and sale of its products, and is subject only to the replacement of any materials not within agreed upon specifications provided written notification is received by Can Art within 30 days from the date of shipment.

Siddharth Desai - Tensile Testing

Authorized:


Evan Eng, Quality Assurance Manager

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM SHEET 6061 T6
.0810 Nom X 48.0000" X 144.0000"
PART NO.

PQ/Rel 33149

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

[Signature]

BL REC-001961-006

27Jul16
Pg 1/1

Certificate of Mill Test Results

Henan Xindatong Aluminum Industry Co., Ltd.

MILL TEST CERTIFICATE

Name	Lot No.	Size of Goods (inch)	Alloy/ Temper	Chemical Composition (%)											Mechanical Properties		Standard
				Si	Fe	Cu	Mn	Mg	Zn	Ti	Cr	Others		Al	Tensile Strength (MPa)	Elongation (%)	
6061 T6 ALUMINUM SHEET	RA27997	0.08"x48"x144"	6061 T6	0.296	0.495	0.267	0.089	0.992	/	0.0283	0.107	0.05	0.15	Remain	295	11.5	GB/T3880-2012
3003 H14 ALUMINUM SHEET	Z-1601N3046	0.032"x48"x120"	3003 H14	0.094	0.572	0.09	1.027	0.004	0.0046	0.031	0.0087	0.05	0.15	Remain	167	18	GB/T3880-2012
		0.040"x48"x96"															
		0.040"x48"x120"															
3003 H14 ALUMINUM SHEET	Z-1601N3045	0.125"x48"x96"	3003 H14	0.086	0.576	0.088	1.032	0.007	0.0052	0.022	0.009	0.05	0.15	Remain	164	23	GB/T3880-2012
		0.125"x48"x120"															
	Z-1601N3044	0.125"x48"x120"	3003 H14	0.09	0.517	0.081	1.007	0.0036	0.0053	0.017	0.0083	0.05	0.15	Remain	152	25	GB/T3880-2012

IC REF: IDLC19687

Description of Goods and/or Services:

COVERING 100 PERCENT OF INVOICE VALUE OF GOODS AND/OR SERVICES DESCRIBED AS:
5.543 METRIC TONS 6061 T6 ALUMINUM SHEET
15.397 METRIC TONS 3003 H14 ALUMINUM SHEET
IF TORONTO PORT

Inspector: Shao Jiguo

Date: Jan. 26, 2016

Henan Xindatong Aluminum Industry Co., Ltd.

郑州信达通铝业有限公司
HENAN XINDATONG ALUMINUM INDUSTRY CO., LTD.

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
ALUMINUM FLT BAR ECONOPLT 6061-T6511
500" X 10.00" X 144.0000"
PART NO.

P.O./Ref 33149

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results
BL PEC-001961-009
27Jul16
Pg 1/2

sapa:

Sapa Industrial Extrusions
51 POTTSVILLE STREET
CRENSHAW, PA
17929-0187

Sapa Extrusions Inc., a Subsidiary of Sapa AB

Invoiced To Customer

THYSSENKRUPP MATERIALS NA INC
2821 LANGSTAFF ROAD
ALTN: ACCOUNT PAYABLE

CONCORD, ON - L4K5C6

Ship To Customer

THYSSENKRUPP MATERIALS NA INC
2821 LANGSTAFF ROAD

CONCORD, ON - L4K5C6

DAS
48
989
17/56/01

Certified Inspection Report

Sale Order Number	Line No.	Customer P/O	Cert Number	Page
1101096318	5	PEC-276509-006	SAPA2672077	1 of 2
Quantity Shipped	Date Shipped	Item No.	Cert Creation Date	Cert Print Date
988 LB	07-JUL-16	Item No.	07-JUL-16	07-JUL-16
BL		Q03360698		
753080		Item No. Rev		
Delivery Id		4803482		
Customer Part No.		5X10		

Applicable Specifications, Exceptions and Exemptions

COMPOSITION NOTE: The values for 'Others Each and Others Total' have met the limits as shown on this certified inspection report. Remainder is Aluminum.

Legal Statement
We hereby certify that, unless otherwise indicated, the material covered by this report has been manufactured, inspected, and tested in accordance with, and has been found to meet, the applicable requirements described herein, including any specifications forming a part of the description and that samples representative of the material meet the composition and mechanical properties shown on the face of this certification. Also, note that mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product. This certification is not to be reproduced in partial form without prior written approval of our Quality Assurance Dept.

Signature And Title
Michael D. Hammer
Mike Hammer
Crenshaw Plant Manager
07 JUL-16

Package Number	Lot Number	Quantity	UOM	Weight
C12-FK626225	72542530	14	PCS	Gross 994 Net 988

Alloy	Si		Fe		Cu		Mn		Mg		Cr		Zn	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	0.40	0.80	---	0.70	0.15	0.40	---	0.15	0.80	1.20	0.04	0.35	---	0.25

THYSSENKRUPP MATERIALS NA

PO/Rel 33149

Certificate of Mill Test Results

ALUMINUM PLT BAR ECONOPLT 6061-T6511
500" X 10.00" X 144.0000"
PART NO.

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

BL PEC-001961-009

27Jul16
Pg 2/2

Sapa:

Sapa Industrial Extrusions
31 POTTSVILLE STREET
CRESSONA, PA
17929-0187

Certified Inspection Report

Sales Order Number		Line No.		Customer P.O.		Cert Number		Page	
110109/6318		5		PEC-276509-006		SAP24272077		2 of 2	
						Gen Creation Date		Cert Print Date	
						07-JUL-16		07-JUL-16	

Alloy	H		Others Each		Others Total	
	Min	Max	Min	Max	Min	Max
6061	...	0.15	...	0.05	...	0.15

Composition Results										
Heat / Cast	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others Each	Others Total
5040549	0.69	0.28	0.21	0.04	0.91	0.05	0.02	0.02

Mechanical Property - Test Limits								
Test Type		UTS - L		TYS - L		FL 4D Long		
UOM		KSI		KSI		PCT		
Test Temp	Lot Number	# of Tests	MIN Value	MAX Value	MIN Value	MAX Value	MIN Value	MAX Value
T6511	12542550	2	40.0	42.7	36.3	39.7	15.3	15.5

Cert Notes
Products manufactured with a T6511 temper also meet T6 temper requirements.
Yield strength has been determined by the 0.2% offset method
All mill finish alloy products at Sapa Industrial Extrusions comply with Executive 1011/SSCU (Rolls 2) with the exception of 6061 alloy
In accordance with EN 10204 Inspection Certificate Type 3.1
Metall in the USA or "Qualifying Countries" (as defined in Defense Federal Acquisition Regulation Supplement (DFARS) Section 225.672-1)
Manufactured in the United States

B I L L O F L A D I N G

Ship From:
 THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 905-738-9033

Aug 2
 No: PEC 1967
 Ship Date 27 Jul 16 at 9:55 From PFW
 Probill
 Via VIM DELIVERY
 FOB CONCORD
 Frt PREPAID
 Route 0- 0 Manifest
 Vhcle Trailer
 Slp STAN IVERS (905-532-1350)
 Sold To: (20115)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7

Ship To: (1)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7
 Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-952262- 1 Your PO # 33149
 STAINLESS STEEL ROUND BAR 303 STAINLESS
 .50" DIA X 144.0000"

Heat Number Tag No
 020D 554707

Quantity PCS Wt LBS
 36 FT 3 24

MTR

2) Our Order PEC-952262- 2 Your PO # 33149
 STAINLESS STEEL FLAT BAR 304L SLIT/EDGED
 .375" x 3.00" X 144.0000"

Heat Number Tag No
 1211405 554708

Quantity PCS Wt LBS
 12 FT 1 46

MTR

3) Our Order PEC-952262- 3 Your PO # 33149
 STAINLESS STEEL SHEET 304-2B
 .0600 Nom X 48.0000" X 120.0000"

Heat Number Tag No
 YU175063 554440

Quantity PCS Wt LBS
 160.00 SFT 4 382

MTR

4) Our Order PEC-952262- 4 Your PO # 33149
 ALUMINUM SHEET 5052-H32
 .0640 Nom X 48.0000" X 96.0000"

Heat Number Tag No
 G-1603118 554337

Quantity PCS Wt LBS
 32.00 SFT 1 29

MTR

5) Our Order PEC-952262- 5 Your PO # 33149
 ALUMINUM FLAT BAR 6061-T6311
 .250" x 2.50" X 144.0000"

Heat Number Tag No
 Z00118136 554709

Quantity PCS Wt LBS
 12 FT 1 8

MTR

Page: 1Continued

1 crate R-1176 Sp/6-8-3
 1Rampine R-604

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
 RAPPORTÉES IMMÉDIATEMENT.
 ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
 RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

DATE

B I L L O F L A D I N G
Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

No: PEC 1967
Ship Date 27Jul16 at 9:55 From PFW
Probill
Via VIM DELIVERY
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G

6) Our Order PEC-952262- 6 Your PO # 33149

ALUMINUM FLAT BAR 6061-T6511

3.75" x 1.00" X 240.0000"

Heat Number

423283-8

Tag No

554710

Quantity

20 FT

PCS

1

Wt LBS

10

7) Our Order PEC-952262- 7 Your PO # 33149

ALUMINUM FLAT BAR 6061-T6511

5.50" x 5.00" X 240.0000"

Heat Number

201607372

Tag No

554711

Quantity

160 FT

PCS

8

Wt LBS

473

8) Our Order PEC-952262- 8 Your PO # 33149

ALUMINUM FLAT BAR 6061-T6511

1.00" x 2.00" X 144.0000"

Heat Number

201610596

Tag No

554712

Quantity

12 FT

PCS

1

Wt LBS

29

9) Our Order PEC-952262- 9 Your PO # 33149

ALUMINUM SQUARE BAR 6061-T6511

1.250" X 144.0000"

Heat Number

861793

Tag No

554713

Quantity

12 FT

PCS

1

Wt LBS

22

10) Our Order PEC-952262- 10 Your PO # 33149

ALUMINUM SQUARE BAR 6061-T6511

1.50" X 144.0000"

Heat Number

Z00242107

Tag No

554714

Quantity

12 FT

PCS

1

Wt LBS

32

TOTAL:

Tags

10

PCS

22

LBS

1055

Heat Number

*** Chemical Analysis ***

Page: 2Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

DATE

B I L L O F L A D I N G

No: PEC 1967

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 27Jul16 at 9:55 From PFW
Probill
Via VIM DELIVERY
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G

020D
1211405
201607372
201610596
861793
G-1603118
YU175063
Z00118136
Z00242107

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

TOTAL 1 BDL, 2 SKIDS GW. 1190 LBS

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***

**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

***UNE SURCHARGE D'ENERGIE DE \$25.00

SERA AJOUTEE A CHAQUE COMMANDE.***

***POUR VOS BESOINS D'ACIER INOXYDABLE,

CONTACTEZ-NOUS. NOUS L'AVONS! TEL. 800-926-2600

Page: 3 Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
STAINLESS STEEL ROLLND BAR 303 STAINLESS
50" DIA X 144.0000"
PART NO.

PO/Ref 33149

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results

Bl. PEC-001967-001

27Jul16
Pg 1/1



North American Stainless Canada Inc.
740 Imperial Road North
Guelph, ON N1K1Z3
Canada

METALLURGICAL TEST REPORT

6870 Highway 42 East
Ghent, KY 41045-9615
(502) 347-6000

Certificate: 200790 1 Mail To:

Customer: 007206 001 THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Ship To:

THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Date: 7/21/2016 Page: 1

Steel: 303

Finish: CD

Corrosion:

Your Order: PEC276811

NAS Order: IN 0234915 01

PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw
UNS 30300, ASTM A582/12 EN 10204 3.1, ASTM A484/15
AMS 5640V TYPE 1, QOS-764B CONDITION A
SOLUTION ANNEAL TEMP 1900F MIN

REMARKS:

COMPLIES W/REQUIREMENTS OF DPMR 252-7009 EU DIRECTIVE
2011/65/EU, ROHS, EAF+AOD+CC. NO WELD REPAIR, MELTED AND MFG
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

Handwritten: DAS 16/06/16

Product Id	Skid #	Diameter	Size	Weight	-----Length-----	Mark	Places	Commodity Code
BI0276 2		.5000		704	144.00	1	1	

CHEMICAL ANALYSIS

CM(Country of Met)

ES(Spain)

US(United States)

ZA(South Africa)

JP(Japan)

Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323
Chemical Analysis per ASTM A751/14a

HEAT	CM	C %	CO %	CR %	CU %	MN %	MO %	N %	NI %	P %
Q020D	US	.0378	.1240	17.0605	.3170	1.9165	.2920	.0401	8.5330	.0270

S %	SI %
.3200	.6570

MECHANICAL PROPERTIES

Product Id	1 d o f c r	HB No.	.2YS KSI	UTS KSI	RA %	Elong % 2"
BI0276 2	RL	194.0	90.65	106.97	31.34	36.42

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical
Dept. Mgr.

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM SHEET 5052 H32
 .0640 Nom X .480000 X .960000
 PART NO.

PO Rel 33149

We certify that this is a true copy of the report
 furnished by the producer of the metal, or data
 resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-001967-004

27Jul16

Signed by: 

Pg 1/1

HENAN WANDA ALUMINIUM CO., LTD
 FACTORY ADD: ELECTRIC WIRE AND CABLE SCIENCE AND TECHNOLOGY
 INDUSTRIAL DISTRICT GONGYI HENAN CN

TEST CERTIFICATE

TO: OLBERT METAL SALES LIMITED
 989 DERRY ROAD EAST, SUITE. 305
 ADDRESS: MISSISSAUGA, ONTARIO CANADA L5T 2J8 CA

INVOICE NO.: VMS160228-1

DATE: 30TH MAR, 2016

Description of goods			ALUMINIUM SHEET			Alloy and Temper			3003 H14 / 5052 H32		
Technique Standard			ASMT B209/AMS 4016			Chemical Composition Standard			ASMT B209/AMS 4016		
Chemical Composition											
Lot No.	Alloy & Temper	Dimension	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al
16030022	3003 H14	0.05" x 48" x 96" (1.27 x 1219 x 2438mm)	0.088	0.362	0.064	1.16	/	0.018	0.004	0.044	R
16020665	3003 H14	0.08" x 48" x 120" (2.032 x 1219 x 3048mm)	0.082	0.376	0.072	1.23	/	0.018	0.007	0.037	R
G-1603075	5052 H32	0.05" x 48" x 96" (1.27 x 1219 x 2438mm)	0.078	0.303	0.01	0.078	2.33	0.189	0.007	0.015	R
G-1603235	5052 H32	0.05" x 48" x 120" (1.27 x 1219 x 3048mm)	0.061	0.3	0.01	0.047	2.32	0.178	0.008	0.017	R
G-1603123	5052 H32	0.05" x 48" x 120" (1.27 x 1219 x 3048mm)	0.074	0.203	0.007	0.04	2.34	0.199	0.014	0.016	R
G-1603118	5052 H32	0.064" x 48" x 96" (1.625 x 1219 x 2438mm)	0.081	0.219	0.011	0.054	2.4	0.182	0.014	0.018	R
G-1603076	5052 H32	0.08" x 48" x 96" (2.032 x 1219 x 2438mm)	0.083	0.284	0.011	0.087	2.33	0.189	0.008	0.016	R
G-1603076	5052 H32	0.08" x 48" x 120" (2.032 x 1219 x 3048mm)	0.083	0.284	0.011	0.087	2.33	0.189	0.008	0.016	R
G-1603077	5052 H32	0.125" x 48" x 120" (3.175 x 1219 x 3048mm)	0.083	0.284	0.011	0.087	2.33	0.189	0.008	0.016	R
G-1603117	5052 H32	0.25" x 48" x 120" (6.35 x 1219 x 3048mm)	0.081	0.219	0.011	0.054	2.4	0.182	0.014	0.018	R
Mechanical Property											
Lot No.		Dimension	Tensile Strength(MPa)			Yield Strength(Mpa)		Elongation(%)			
16030022	3003 H14	0.05" x 48" x 96" (1.27 x 1219 x 2438mm)	169			135		16			
16020665	3003 H14	0.08" x 48" x 120" (2.032 x 1219 x 3048mm)	161			130		20			
G-1603075	5052 H32	0.05" x 48" x 96" (1.27 x 1219 x 2438mm)	222			175		11			
G-1603235	5052 H32	0.05" x 48" x 120" (1.27 x 1219 x 3048mm)	248			210		11			
G-1603123	5052 H32	0.05" x 48" x 120" (1.27 x 1219 x 3048mm)	227			160		10			
G-1603118	5052 H32	0.064" x 48" x 96" (1.625 x 1219 x 2438mm)	226			169		12			
G-1603076	5052 H32	0.08" x 48" x 96" (2.032 x 1219 x 2438mm)	225			177		13			
G-1603076	5052 H32	0.08" x 48" x 120" (2.032 x 1219 x 3048mm)	225			177		13			
G-1603077	5052 H32	0.125" x 48" x 120" (3.175 x 1219 x 3048mm)	217			173		13			
G-1603117	5052 H32	0.25" x 48" x 120" (6.35 x 1219 x 3048mm)	217			180		17			

LC REF: IDLC21249
 SHIPPING MARKS: N/M

DAS
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 9-89

16/08/06

HENAN WANDA ALUMINIUM CO., LTD.

 HENAN WANDA ALUMINIUM CO., LTD

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511
.375" x 1.00" X 240.0000"
PART NO.

PO/Rel 33149

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-001967-006

27Jul16

Signed by: 

Pg 1/1

CAN ART

ALUMINUM EXTRUSION INC.

Material Test Report

Ship To: Thyssenkrupp Materiaux NA
4700 Bois-Franc
St. Laurent, QC H4S 1A7

Manifest: 306688

Ticket:
5468879

Our Order: 423283-8

Cust P.O.: VIM-635124-R

Die: ES05691

Part: 05691-000-240

Alloy Temper: 6061 T6511

Description: .375 x 1.000

Print Date: 3/30/16

Chemical Composition Range

6061	<u>Si</u>	<u>Fe</u>	<u>Cu</u>	<u>Mn</u>	<u>Mg</u>	<u>Cr</u>	<u>Zn</u>	<u>Ti</u>	<u>OtherEach</u>	<u>OtherTotal</u>
Min	0.40		0.15		0.8	0.04				
Max	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.15

Mechanical Properties

Strength ksi

<u>Sample ID</u>	<u>Cast #</u>	<u>Lot #</u>	<u>Test Date</u>	<u>Ultimate Tensile</u>	<u>Yield 2% offset</u>	<u>Elongation 2" gage length</u>
421672	3B1858	A11	3/29/16	43.25	39.76	18.8

Applicable Specifications: ASTM B221-14

AMS-QQ-A200/8

Country of Origin: ONTARIO, CANADA

DAS
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0-09

16/08/06

Can Art Aluminum Extrusion Inc. certifies that materials shipped under this order have been inspected and tested in accordance with Aluminum Association and agreed upon customer specifications. Can Art assumes no liability for additional costs which may be incurred during the customer's manufacture and sale of its products, and is subject only to the replacement of any materials not within agreed upon specifications provided written notification is received by Can Art within 30 days from the date of shipment.

Siddharth Desai - Tensile Testing

Authorized: _____


Evan Eng, Quality Assurance Manager

THYSSENKRUPP MATERIALS NA

PART: AEROSPACE
ALUMINUM PLAT BAR 6061-T6511
50" X 5.00" X 240.0000"
PART NO.

P0/Rel 33149

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

BL PEC-001967-007

27Jul16
Pg 1/1

Certificate of Mill Test Results



Can Do.

Service Center Metals

5850 Quality Way
Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	ITEM
262062	2

BILL TO	MANIFEST NUMBER	IDE NUMBER	DATE OF SHIPMENT	CERTIFICATION
ThyssenKrupp Materials NA-Concord ON	293477	RB0101	4/28/2016	ASTM-B221-14 Stencil Cont
SHIP TO	CUSTOMER PO	ALLOY/TEMPER	SALES PERSON	SPECIFICATION
ThyssenKrupp Materials NA-Concord, ON	PEC-274754	6061-T6511	D. Schroeder (Canada)	AMS-QQA-200/8 - 1997
Quantity Certified	CUSTOMER PART NUMBER	INSPECTION		
1,058 lbs 18 pcs	RB0101 X 240	SCRB 500x5 090		

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6.

Mechanical Properties

Tests	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
1	201607372	4/23/16	min 46.20 max 46.20	min 43.00 max 43.00	min 16.50 max 16.50

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Chemical Composition for Aluminum Alloy 6061

Cast #	Lot No.	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Each	Others Total	Melt Source:
2M151202Y	201607372	6061	0.64	0.25	0.20	0.05	0.92	0.06	0.02	0.02	97.83	0.05	0.15	United States of America
2M151203Y	201607372	6061	0.64	0.27	0.20	0.04	0.88	0.06	0.03	0.02	97.86	0.05	0.15	United States of America

SCM extrusions are manufactured in the USA.

Print Date: 4/28/2016

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM SQUARE BAR 6061-T6511
1.250" X 144.0000"
PART NO.

PO/Rel 33149

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-001967-009

27Jul16

Signed by: 

Pg 1/1

 signature
aluminum
CANADA INC.

SIGNATURE ALUMINUM CANADA

1850 CLEMENTS RD
PICKERING, ON L1W 3R8

CERTIFICATE OF COMPLIANCE

Cert Date	Cert No.	Sales Order	Page
04/02/2016	5382190	122259	1
Cert PG	BL No.	BL	Date
PEC-272879	025477	861793	04/06/16

Sold To		Ship To	
42196 THYSSEN KRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA		42196 THYSSEN KRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA	
Item No.	Part No.	Matl Description	Order Qty
002	C-011504-6	144" Mill 6061 T6511	1.250"x144 SQUARE BAR
Gross Weight	1,687 LBS		
Net Qty	1,669 LBS	76 PCS	1 PKGS
Specification	AMS-QQ-A-200/8 & ASTM B221-08		

Mechanical Tests:

Tensile	Yield	% Elongation	Conductivity	HRE
MPA / KSI	MPA / KSI			
328.3 / 47.6	293.1 / 42.5	16.7	N/A	92

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16/08/06

Chemical Analysis:

Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	V	Zr
0.61	0.22	0.22	0.06	0.85	0.06	0.15	0.01	0.01	0.01

This Material is Made in Canada

This Material is RoHS Compliant

This will certify that the material described herein has been inspected and tested in accordance with Signature Aluminum Canada's standard sampling and testing procedures or in accordance with the requirements of any specification forming a part of the material description to the extent indicated herein. Data of chemical composition for the material and test results from samples representative of the material are set forth above hereof or in any attachments hereto. This information shows that the material meets the applicable requirements. Inspection and test records are maintained on file. This certificate shall be deemed apart of and subject to the terms and conditions of warranty set forth on the reverse side of our order acknowledgement form. No other warranties are applicable.

S. Mazzotta
Director of Quality
Signature Aluminum Canada Inc

ISO 9001/TS16949 Registered Company

Visit us at www.signaturealum.com

THYSSENKRUPP MATERIALS NA

PART AEROSPACE
STAINLESS STEEL FLAT BAR 304L SLITTED
3.75" x 3.00" x 144.0000"
PART NO.

PO/R01 33139

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-001967-002

27Jul16
Pg 1/1

Signed by:

DAS
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11/08/16

产品质保证明书

Order No. 0324
Customer THYSSENKRUPP MATERIALS NA
Product THYSSENKRUPP STAINLESS STEEL

Material THYSSENKRUPP STAINLESS STEEL 304L
Certificate No. 0324

Issue Date 2016-07-27
Valid Date 2018-07-27

EMSSC

江苏大明金属制品有限公司
JIANGSU DAMING METAL PRODUCTS CO., LTD

序号	Product No.	规格	厚度	宽度	长度	重量	化学成分	力学性能	热处理	表面质量	包装	备注
1	400170204	304	3.0	144	144	144	304	304	304	304	304	304
2	400170204	304	3.0	144	144	144	304	304	304	304	304	304
3	400170204	304	3.0	144	144	144	304	304	304	304	304	304

江苏大明金属制品有限公司
JIANGSU DAMING METAL PRODUCTS CO., LTD

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511
2.50" x 2.50" X 144.0000"
PART NO.

PO/Rel 33149

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC 001967-005

27Jul16

Signed by: *[Signature]*

Pg 1/2

KAISER
ALUMINUM
FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

CUSTOMER PO NUMBER: PEC-276133-1		CUSTOMER PART NUMBER: 488/STK		PRODUCT DESCRIPTION: 2.50 X 2.500 RECT BAR	
KAISER ORDER NUMBER: 6011477	LINE ITEM: 001	SHIP DATE: 07/07/2016	KAISER LOT NUMBER: Z00118136	ALLOY: 6061	TEMPER: T6511
WEIGHT SHIPPED: 988.000 LB	QUANTITY: 112.000 PCS	B/L NUMBER: 616172	DIAM/DA/THKNS: 2.50	WIDTH: 2.50	LENGTH: 12.000 FT
SHIP TO: THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA			SOLD TO: THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA		

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
Z00118136	0001	0001	44.4	39.4	14.6	RE 94	N/A	N/A
Z00118136	0001	0002	45.4	41.0	14.6	RE 94	N/A	N/A
Z00118136	0001	0003	45.0	39.9	14.2	RE 94	N/A	N/A
Z00118136	0001	0004	45.7	41.2	15.0	RE 94	N/A	N/A
Z00118136	0001	0005	44.8	40.2	14.9	RE 93	N/A	N/A
Z00118136	0001	0006	44.4	39.3	14.9	RE 94	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.60	0.70	0.40	0.5	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
106289	.59	.28	.22	.08	.86	.07	.04	.02	.00	.00	.00	.01	.03

Applicable Requirements:

ASTM-B221-14 STENCILED ASME-SB221 2009 SECT II AMS-QQ-A-200/8A UNS#A96061 (T6511 also conforms to T6-not applicable to other tempers)

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA
MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY OF ITS COMPOUNDS ARE UTILIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

DAS
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9-00 *16/08/06*

Plant Serial: 00240605

Kaiser Order Number: 6011477

Line Item: 001

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6S11
.250" x 2.50" X 144.0000"
PART NO.

PO/Ref 33149

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL. PEC-001967-005

27Jul16

Signed by: 

Pg 2/2

KAISER
ALUMINUM
FABRICATED PRODUCTS

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Aimee L. Macnowski, Quality & Technology Manager

Aimee L. Macnowski

Plant Serial: 00240605

Kaiser Order Number: 6011477

Line Item: 000

Page 2 of 2

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511

1.00" x 2.00" x 144.0000"

PART NO.

PO/Rel 33149

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results

BL PEC-001967-008

27Jul16
Pg 1/1



Can Do.

Service Center Metals
5850 Quality Way
Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS
FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	ITEM
266697	8

BILL TO
ThyssenKrupp Materials NA-Concord, ON

SHIP TO
ThyssenKrupp Materials NA-Concord, ON

Quantity Certified 1,027 lbs 36pcs

MANIFEST NUMBER 300252

CUSTOMER PO PEC-275975

CUSTOMER PART NUMBER TKM-1210

DIE NUMBER MRB0477

DATE OF SHIPMENT 7/6/2016

SALES PERSON D. Schroeder (Canada)

CERTIFICATION ASTM-B221-14 StencilCont

ALLOY-TRADER 6061-T6511

DESCRIPTION MORB-1.000x2.000

SPECIFICATION AMS-QQA-200/8 Rev-A

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown items produced and certified as 6061-T6511 also meet the requirements of 6061-T6.

Mechanical Properties

Tests	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
2	201610596	6/13/16	min 46.20 max 46.60	min 42.10 max 43.20	min 13.65 max 14.65

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6/13/16
C-33
11/08/16

Chemical Composition for Aluminum Alloy 6061

Cast #	Lot No.	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Others	Each	Total	Melt Source
05291601	201610596	6061	0.72	0.36	0.31	0.10	0.84	0.09	0.08	0.02	97.48	0.05	0.15		United States of America

SCM extrusions are manufactured in the USA.

Print Date: 7/6/2016

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM SQUARE BAR 6061-T6511
1.50" X 1440000"
PART NO.

PO/Rel 33149

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-001967-010

27Jul16

Signed by: 

Pg 1/1

KAISER
ALUMINUM
FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

CUSTOMER PO NUMBER: PEC-275829-3		CUSTOMER PART NUMBER: 407/STK		PRODUCT DESCRIPTION: 1.500 SC SQ BAR	
KAISER ORDER NUMBER: 6010540	LINE ITEM: 003	SHIP DATE: 06/07/2016	KAISER LOT NUMBER: Z00242107	ALLOY: 6061	TEMPER: T6511
WEIGHT SHIPPED: 1524.000 LB	QUANTITY: 48.000 PCS	B/L NUMBER: 615889	DIMENSIONS: 1.500 X 1.500 X 1440000	WIDTH: 1.500	LENGTH: 12.000 FT
SHIP TO: THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA			SOLD TO: THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA		

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
Z00242107	0001	0001	51.6	48.1	15.9	RE 94	N/A	N/A
Z00242107	0001	0002	53.1	50.6	16.6	RE 93	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
106247	.77	.26	.27	.09	.90	.09	.09	.02	.00	.00	.00	.01	.03

Applicable Requirements:

ASTM-B221-14 STENCILED ASME-SB221 2009 SECT II (AMS-QQ-A-200/SA) UNS#A96061 (T6511 also conforms to T6-not applicable to other tempers)

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA

MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY OF ITS COMPOUNDS ARE UTILIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Aimee L. Macnowski, Quality & Technology Manager

Aimee L. Macnowski

DAS

16/08/06

0-30

Plant Serial: 00235943

Kaiser Order Number: 6010540

Line Item: 003

Page 1 of 1

THYSSENKRUPP MATERIALS NA

DAI AEROSPACE
STAINLESS STEEL SHEET 304-2B
18000 Nom X 48.0000" X 120.0000"
PART NO.

P.O. Ref: 3149

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results

BL PEC-001967-003

27Jul10
Pg 1/1



INSPECTION CERTIFICATE

1995

INVOICE NO. : F14M971
COMMODITY : PRIME COLD ROLLED STAINLESS STEEL SHEET

SPECIFICATION : AISI 304 / 304L ASTM A240/A240M-11a ASME SA240/SA4480-11a
CUSTOMER : OLBBET METAL SALES LIMITED

NO. 345, SHUN-AN RD., LUZHU DIST.
KAOSHUNG CITY 821, TAIWAN, (R.O.C.)
TEL NO. : 886-7-697-6266
FAX NO. : 886-7-697-3006
CERTIFICATE NO: F14M971
DATE OF ISSUE: 10/07/2014
PAGE 1

SIZE	NO. of Product	Weight in KG	Heat No.	ID No.	Mechanical Properties Tensile Test Char60 mm					Chemical Composition (%)									
					Y.S. (N/mm ²)	T.S. (N/mm ²)	EL (%)	HRB	HV	C x 100	Si x 100	Mn x 100	P x 1000	S x 1000	Ni x 100	Cr x 100	N x 100		
304/304L 2B F1	1	2.284	YU175294	38S27664A-11	319	647	53	88	175	2.7	43	128	41	14	800	1820	3.5		
11GA X 60" X 120"	1	2.294	YU175294	38S27664A-12	319	647	53	88	176	2.7	43	128	41	14	800	1820	3.5		
11GA X 60" X 120"	1	2.275	YU175528	38S28482A-11	315	638	54	88	183	1.6	44	116	40	8	806	1801	3.8		
12GA X 48" X 120"	1	2.274	YU175528	38S28482A-12	315	638	54	88	183	1.6	44	116	40	8	806	1801	3.8		
12GA X 48" X 120"	1	2.274	YU175528	38S28482A-13	315	638	54	88	183	1.6	44	116	40	8	806	1801	3.8		
14GA X 48" X 120"	1	2.260	LZ48SX03	38S72725B-1	337	690	49	88	183	2.6	44	89	25	2	804	1818	5.6		
14GA X 48" X 120"	1	2.280	LZ48SX03	38S72725B-2	337	690	49	88	183	2.6	44	89	25	2	804	1818	5.6		
18GA X 48" X 96"	1	2.276	YU175063	38S28782A-1	304	608	57	82	180	0.9	47	148	37	2	807	1807	4.4		
18GA X 48" X 120"	1	2.286	YU175063	38S28782A-2	304	608	57	82	180	0.9	47	148	37	2	807	1807	4.4		
18GA X 48" X 120"	1	2.286	YU175063	38S28782A-3	304	608	57	82	180	0.9	47	148	37	2	807	1807	4.4		
18GA X 48" X 120"	1	2.286	YU175063	38S28782A-4	304	608	57	82	180	0.9	47	148	37	2	807	1807	4.4		
18GA X 48" X 96"	1	2.284	YU270228	38S28495C-1	297	620	54	84	167	1.8	38	127	31	4	802	1806	4.4		
18GA X 48" X 120"	1	2.243	YU270228	38S28495C-2	297	620	54	84	167	1.8	38	127	31	4	802	1806	4.4		
18 28571																			
NO MERCURY CONTAMINATION																			
WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS																			

Remarks: NO MERCURY CONTAMINATION
WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN MADE IN ACCORDANCE WITH THE RULES OF THE MILL CERTIFICATE.

THE COUNTRY OF MELT AND MANUFACTURE : TAIWAN

YIEH MAU CORP.

Manager of Quality Assurance Section

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M16061TL680.500 X 10.000

PO / BATCH NO.: P033149 / 135377

DATE: 11/08/04

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: .500

QUANTITY RECEIVED: 108 +

THICKNESS RECEIVED: .498

QUANTITY INSPECTED: 108 +

SHEET SIZE ORDERED: Ø

QUANTITY REJECTED: Ø

SHEET SIZE RECEIVED: Ø

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL	(Y) N	6061 TL
CORRECT THICKNESS	(Y) N	.498
PHOTO REQUIRED	Y (N)	
CORRECT MATERIAL	(Y) N	AMS-22-A-200/8
CORRECT REF # TO LINK CERT	(Y) N	Heat # 22542550
CORRECT MATERIAL IDENTIFICATION	(Y) N	M16061TL680.500 X 10.000
CORRECT M# ON THE MATERIAL	(Y) N	M135377
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>48</u> DATE: <u>11/08/04</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

PO BATCH NO 33149/135377

MATERIAL M303 R.500

DATE 11/08/06

MATERIAL CERTIFIED yes

QUANTITY RECEIVED 36

QUANTITY INSPECTED 36

QUANTITY REJECTED _____

THICKNESS ORDERED R.500

THICKNESS RECEIVED R.500

SHEET SIZE ORDERED _____

SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	N	
CORRECT FINISH	Y	N	
CORROSION	Y	N	
CORRECT GRAIN DIRECTION	Y	N	
CORRECT MATERIAL	Y	N	M303
CORRECT THICKNESS	Y	N	.500
PHOTO REQUIRED	Y	N	
CORRECT MATERIAL	Y	N	ASTM 582/12
CORRECT REF # TO LINK CERT	Y	N	0200
CORRECT MATERIAL IDENTIFICATION	Y	N	1135-377
CORRECT MARK ON THE MATERIAL	Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK
RECORD RESULTS BELOW

	HRC	HRB	DUR A	DUR B
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

Testers located in the Quality Office

ENGINEERING SIGNOFF (if required)

QC 18 INSPECTION

INSPECTED BY 14

SIGNED OFF BY _____

DATE 11/08/06

DATE _____

Attach this inspection sheet with the corresponding material cert and send to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

PO / BATCH NO 3349/135377

MATERIAL M303 R1.000
DATE 16/08/06

MATERIAL CERT RECD yes
QUANTITY RECEIVED 12'
QUANTITY INSPECTED 12'
QUANTITY REJECTED _____

THICKNESS ORDERED R1.00
THICKNESS RECEIVED R1.00
SHEET SIZE ORDERED _____
SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/>	
CORRECT FINISH	Y <input checked="" type="checkbox"/>	
CORROSION	Y <input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/>	
CORRECT MATERIAL	Y <input checked="" type="checkbox"/>	303
CORRECT THICKNESS	Y <input checked="" type="checkbox"/>	1.00
PHOTO REQUIRED	Y <input checked="" type="checkbox"/>	
CORRECT MATERIAL	Y <input checked="" type="checkbox"/>	ASTM 58212
CORRECT REF # TO LINK CERT	Y <input checked="" type="checkbox"/>	X5B3
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="checkbox"/>	M135377
CORRECT M# ON THE MATERIAL	Y <input checked="" type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK
RECORD RESULTS BELOW

	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

Testers located in the Quality Office

ENGINEERING SIGNOFF (if required)

QC 18 INSPECTION

INSPECTED BY LAS
DATE 16/08/06

SIGNED OFF BY _____
DATE _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

PO / BATCH NO 33149/135377

MATERIAL M304B.375X3.000
DATE 16/08/06

MATERIAL CERTIFIED yes
QUANTITY RECEIVED 12'
QUANTITY INSPECTED 12'
QUANTITY REJECTED _____

THICKNESS ORDERED 375X3.00
THICKNESS RECEIVED 375X3.00
SHEET SIZE ORDERED _____
SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORROSION	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT GRAIN DIRECTION	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT MATERIAL	Y <input checked="" type="radio"/> N <input type="radio"/>	304
CORRECT THICKNESS	Y <input checked="" type="radio"/> N <input type="radio"/>	375
PHOTO REQUIRED	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT MATERIAL	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT REF # TO LINK CERT	Y <input checked="" type="radio"/> N <input type="radio"/>	M304B.375X3.000
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="radio"/> N <input type="radio"/>	M135377
CORRECT M# ON THE MATERIAL	Y <input checked="" type="radio"/> N <input type="radio"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N <input type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N <input type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK RECORD RESULTS BELOW			
TYPE OF MATERIAL	HRC	HRB	DURA
SIZE OF TEST SAMPLE			
HARDNESS DUROMETER READING			

Testers located in the Quality Office

ENGINEERING SIGNOFF (if required)

QC 18 INSPECTION

INSPECTED BY _____

DATE

16/08/06

SIGNED OFF BY _____

DATE _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

PO / BATCH NO 33149/135377

MATERIAL M13045/166A
DATE 16/08/06

MATERIAL CERTIFIED yes
QUANTITY RECEIVED 1605A
QUANTITY INSPECTED 1605A
QUANTITY USED

THICKNESS ORDERED .063
THICKNESS RECEIVED .060
SHEET SIZE ORDERED 4X80
SHEET SIZE RECEIVED 4X80

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORROSION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	304
CORRECT THICKNESS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	.060
PHOTO REQUIRED	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	ASTM A240
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Y4175063
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MARK ON THE MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	M135377
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK RECORD RESULTS BELOW			
	HRC	HRB	DUR A
TYPE OF MATERIAL			
SIZE OF TEST SAMPLE			
HARDNESS DUROMETER READING			

Testers located in the Quality Office

ENGINEERING SIGNOFF (if required)

QC 18 INSPECTION

INSPECTED BY 14

DATE 16/08/06

SIGNED OFF BY

DATE

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL M5052 #32 S.063
DATE 16/08/06

PO / BATCH NO 33149/135377

MATERIAL CERTIFIED yes
QUANTITY RECEIVED 32 sf
QUANTITY INSPECTED 32 sf
QUANTITY REJECTED

THICKNESS ORDERED .063
THICKNESS RECEIVED .060
SHEET SIZE ORDERED 4x8
SHEET SIZE RECEIVED 4x8

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORROSION	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	<u>5052</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	<u>.060</u>
PHOTO REQUIRED	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	<u>ASTM B209</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	<u>G-1603118</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	<u>M135377</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK
RECORD RESULTS BELOW

	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

Testers located in the Quality Office

ENGINEERING SIGNOFF (if required)

QC 18 INSPECTION

INSPECTED BY 14
DATE 16/08/06

SIGNED OFF BY
DATE

Attach this inspection sheet with the corresponding material cert and return to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL M6061 T6 B. 250X2.500
DATE 14/08/06

PO / BATCH NO 33149/135377

MATERIAL CERTIFIED yes
QUANTITY RECEIVED 12'
QUANTITY INSPECTED 12'
QUANTITY REJECTED

THICKNESS ORDERED 250X2.500
THICKNESS RECEIVED 250X2.500
SHEET SIZE ORDERED
SHEET SIZE RECEIVED

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORROSION	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	<u>6061 T6</u>
CORRECT THICKNESS	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	<u>250</u>
PHOTO REQUIRED	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	<u>ASTM B221</u>
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	<u>200118136</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	<u>M6061 T6 B. 250X2.500</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	<u>M135377</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK
RECORD RESULTS BELOW

	HRC	HRB	DUR A	DUR B
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

Testers located in the Quality Office

ENGINEERING SIGNOFF (if required)

QC 18 INSPECTION
INSPECTED BY DAS
DATE 14/08/06

SIGNED OFF BY
DATE

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL AL6061 T6 B.500X5.000
DATE 16/08/06

PO BATCH NO 33149/135377

MATERIAL CERTIFIED yes
QUANTITY RECEIVED 160'
QUANTITY INSPECTED 160'
QUANTITY REJECTED _____

THICKNESS ORDERED .500X5.000
THICKNESS RECEIVED .500X5.000
SHEET SIZE ORDERED _____
SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORROSION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>AL6061 T6</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>.500</u>
PHOTO REQUIRED	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>AMS-QQA-200/8</u>
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>#cert# 201607372</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>AL6061 T6 B.500X5.00</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>M135377</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK RECORD RESULTS BELOW			
	HRC	HRB	DUR A
TYPE OF MATERIAL			
SIZE OF TEST SAMPLE			
HARDNESS / DUROMETER HEADING			

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY <u>14</u>	SIGNED OFF BY _____	DATE <u>16/08/06</u>	DATE _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL MB06ITLB.375X1.00
DATE 16/08/06

PO BATCH NO 33149/135377

MATERIAL CERTIFIED yes
QUANTITY RECEIVED 20'
QUANTITY INSPECTED 20'
QUANTITY REJECTED _____

THICKNESS ORDERED .375X1.00
THICKNESS RECEIVED .375X1.00
SHEET SIZE ORDERED _____
SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORROSION	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	<u>6061T6</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	<u>.375</u>
PHOTO REQUIRED	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	<u>AMS-QQ-A200/8</u>
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	<u>#423283-8</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	<u>MB06ITLB.375X1.00</u>
CORRECT MFG ON THE MATERIAL	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	<u>1135377</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK RECORD RESULTS BELOW			
TYPE OF MATERIAL	HRC	HRB	DUR A
SIZE OF TEST SAMPLE			
HARDNESS / DUROMETER READING			

testers located in the Quality Office

ENGINEERING SIGNOFF (if required)

QC 18 INSPECTION

INSPECTED BY 14
DATE 16/08/06

SIGNED OFF BY _____
DATE _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

PO / BATCH NO 33149/135377

MATERIAL ML6061T6 1.00X2.00

DATE 16/08/06

MATERIAL CERTIFIED yes
 QUANTITY RECEIVED 12'
 QUANTITY INSPECTED 12'
 QUANTITY REJECTED _____

THICKNESS ORDERED 1.00X2.00
 THICKNESS RECEIVED 1.00X2.00
 SHEET SIZE ORDERED _____
 SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	N	
CORRECT FINISH	Y	N	
CORROSION	Y	N	
CORRECT GRAIN DIRECTION	Y	N	
CORRECT MATERIAL	Y	N	6061T6
CORRECT THICKNESS	Y	N	1.00
PHOTO REQUIRED	Y	N	
CORRECT MATERIAL	Y	N	AMS-00-A20018
CORRECT REF # TO LINK CERT	Y	N	Heat # 201610596
CORRECT MATERIAL IDENTIFICATION	Y	N	ML6061T6 375X2.00
CORRECT M# ON THE MATERIAL	Y	N	M135377
DOES THIS MATERIAL REQUIRE ENGINEERING SIGNOFF	Y	N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK
 RECORD RESULTS BELOW

	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER HEADING				

testers located in the Quality Office

ENGINEERING SIGNOFF (if required)

QC 18 INSPECTION

INSPECTED BY 14

SIGNED OFF BY _____

DATE 16/08/06

DATE _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

PO BATCH NO 33149/135377

MATERIAL M6061T6 B1.250X1.250

DATE 11/08/06

MATERIAL CERTIFIED yes

QUANTITY RECEIVED 12'

QUANTITY INSPECTED 12'

QUANTITY REJECTED _____

THICKNESS ORDERED 1.250X1.250

THICKNESS RECEIVED 1.250X1.250

SHEET SIZE ORDERED _____

SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORROSION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>6061T6</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>1.250</u>
PHOTO REQUIRED	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>AMS-QQ-A 200/8</u>
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>8EAT# 861793</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>M6061T6 B1.250X1.250</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>M135377</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK
RECORD RESULTS BELOW

	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

Testers located in the Quality Office

ENGINEERING SIGNOFF (if required)

QC 18 INSPECTION

INSPECTED BY 14

SIGNED OFF BY _____

DATE 11/08/06

DATE _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL M606IT6 B1.500X1.500
 DATE 16/08/06

PO / BATCH NO 33149/138377

MATERIAL CERTIFIED yes
 QUANTITY RECEIVED 12'
 QUANTITY INSPECTED 12'
 QUANTITY REJECTED _____

THICKNESS ORDERED 1.50 X 1.500
 THICKNESS RECEIVED 1.500 X 1.500
 SHEET SIZE ORDERED _____
 SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORROSION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>606IT6</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>1.500</u>
PHOTO REQUIRED	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>AMS-QQ-A-200/8</u>
CORRECT REF. TO LINK CERT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>HEAT # 200242107</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>M606IT6 B1.500 X 1.500</u>
CORRECT MARK ON THE MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>H138377</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK RECORD RESULTS BELOW			
TYPE OF MATERIAL	HRC	HRB	DUR A
SIZE OF TEST SAMPLE			
HARDNESS / DUROMETER READING			

Testers located in the Quality Office

ENGINEERING SIGNOFF (if required)

QC 18 INSPECTION

INSPECTED BY 34
 DATE 16/08/06

SIGNED OFF BY _____
 DATE _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

PO / BATCH NO 33149/135377

MATERIAL M606IT6 H1.000
DATE 16/08/06

MATERIAL CERT RECEIVED yes
QUANTITY RECEIVED 12
QUANTITY INSPECTED 12
QUANTITY REJECTED _____

THICKNESS ORDERED 1.00
THICKNESS RECEIVED 1.00
SHEET SIZE ORDERED _____
SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORROSION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>M606IT6</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>1.000</u>
PHOTO REQUIRED	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>AMS-QQ-A-20018</u>
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>HEAT# 201604076</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>M606IT6 H1.00</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>M135377</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK RECORD RESULTS BELOW			
TYPE OF MATERIAL	HRC	HRB	DUR A
SIZE OF TEST SAMPLE			
HARDNESS / DUROMETER READING			

testers located in the Quality Office

ENGINEERING SIGNOFF (if required)

QC 18 INSPECTION

INSPECTED BY 14
9-89
DATE 16/08/06

SIGNED OFF BY _____
DATE _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

PO / BATCH NO 33149/135377

MATERIAL 6061T6 R.563
DATE 16/08/06

MATERIAL CERTIFIED yes
QUANTITY RECEIVED 12'
QUANTITY INSPECTED 12'
QUANTITY REJECTED _____

THICKNESS ORDERED R.563
THICKNESS RECEIVED R.563
SHEET SIZE ORDERED _____
SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORROSION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>6061T6</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>.563</u>
PHOTO REQUIRED	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>A45-QQ-A200/8</u>
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>HEAT # 183339-7</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>6061T6 R.563</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>M135377</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK
RECORD RESULTS BELOW

	HRC	HRB	DUR A	DUR B
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION

INSPECTED BY 34
DATE 16/08/06

SIGNED OFF BY _____
DATE _____

ENGINEERING SIGNOFF (if required)

Attach this inspection sheet with the corresponding material cert and permit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

PO / BATCH NO 33149/135377

MATERIAL ML6061T6R.500

DATE 11/08/06

MATERIAL CERTIFIED yes

QUANTITY RECEIVED 12'

QUANTITY INSPECTED 12'

QUANTITY REJECTED _____

THICKNESS ORDERED R.500

THICKNESS RECEIVED R.500

SHEET SIZE ORDERED _____

SHEET SIZE RECEIVED _____

DESCRIPTION	Y	N	COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
CORROSION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>6061T6</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>500</u>
PHOTO REQUIRED	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>AMS-QQ-A-2008</u>
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>HEAT# 44732-141</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>ML6061T6R.500</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>1135377</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK
RECORD RESULTS BELOW

	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

ENGINEERING SIGNOFF (if required)

QC 18 INSPECTION

INSPECTED BY 14

SIGNED OFF BY _____

DATE 11/08/06

DATE _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

PO / BATCH NO 33149/135377

MATERIAL ML06IT6R-625

DATE 16/08/06

MATERIAL CERTIFIED yes

QUANTITY RECEIVED 12'

QUANTITY INSPECTED 12'

QUANTITY REJECTED _____

THICKNESS ORDERED R-625

THICKNESS RECEIVED R-625

SHEET SIZE ORDERED _____

SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORROSION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>ML06IT6</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>625</u>
PHOTO REQUIRED	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>AMS-QQ-A20018</u>
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>HEAT # 421697-1</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>ML06IT6R-625</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>M135377</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGNOFF	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK
RECORD RESULTS BELOW

	HRC	HRB	DUR A	DUR B
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER HEADING				

testers located in the Quality Office

ENGINEERING SIGNOFF (if required)

QC 18 INSPECTION

INSPECTED BY 16

SIGNED OFF BY _____

DATE 16/08/06

DATE _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

PO / BATCH NO 33149/135377

MATERIAL M6061 T6 R.750
DATE 16/08/06

MATERIAL CERTIFIED yes
QUANTITY RECEIVED 12'
QUANTITY INSPECTED 12'
QUANTITY REJECTED _____

THICKNESS ORDERED R.750
THICKNESS RECEIVED R.750
SHEET SIZE ORDERED _____
SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORROSION	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	<u>M6061 T6</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	<u>.750</u>
PHOTO REQUIRED	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	<u>AMS-QQ-A200/8</u>
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	<u>#EAT# 107327-4-1-A-1</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	<u>M6061 T6 R.750</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	<u>M135377</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK RECORD RESULTS BELOW			
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A

Testers located in the Quality Office

ENGINEERING SIGNOFF (if required)

QC 18 INSPECTION

INSPECTED BY 9-89
DATE 16/08/06

SIGNED OFF BY _____
DATE _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

PO BATCH NO 33149/135377

MATERIAL AL6061T6 S.080
DATE 16/08/06

MATERIAL CERTIFIED yes
QUANTITY RECEIVED 96 SA
QUANTITY INSPECTED 96 SA
QUANTITY REJECTED _____

THICKNESS ORDERED .080
THICKNESS RECEIVED .080
SHEET SIZE ORDERED 4X12
SHEET SIZE RECEIVED 4X12

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORROSION	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	<u>6061T6</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	<u>.080</u>
PHOTO REQUIRED	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	<u>HEAT # RA27997</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	<u>AL6061T6 S.080</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	<u>MBS377</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK
RECORD RESULTS BELOW

	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

ENGINEERING SIGNOFF (if required)

QC 18 INSPECTION

INSPECTED BY _____
DATE 16/08/06

SIGNED OFF BY _____
DATE _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL ML6LIT6S.125
DATE 16/08/06

PO / BATCH NO 33149/135377

MATERIAL CERTIFIED yes
QUANTITY RECEIVED 32 SA
QUANTITY INSPECTED 32 SA
QUANTITY REJECTED

THICKNESS ORDERED .125
THICKNESS RECEIVED .125
SHEET SIZE ORDERED 4x8
SHEET SIZE RECEIVED 4x8

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORROSION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>6061T6</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>.125</u>
PHOTO REQUIRED	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>AMS-QQ-A-250/11</u>
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>RA31172</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>ML6LIT6S.125</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>M135377</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGNOFF	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK RECORD RESULTS BELOW			
	HRC	HRB	DUR A
TYPE OF MATERIAL			
SIZE OF TEST SAMPLE			
HARDNESS / DUROMETER READING			

testers located in the Quality Office

ENGINEERING SIGNOFF (if required)

QC 18 INSPECTION

INSPECTED BY

DATE 16/08/06

SIGNED OFF BY

DATE

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO33149

Purchase Order Date 7/25/2016 7:46:22 AM
PO Print Date 7/25/2016

Page Number 1 of 10

Order From :

VC-COP001

Ship To : DART AEROSPACE LTD

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

905 669 9444

Ship To Contact

Ship To Phone

Ship Via:

Ship Acct:

VENDOR'S TRUCK

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
	Line Comments		Promise Date				
	Delivery Comments						
1	M303R0.500	303 Round Bar 0.500"	8/5/2016		36.00 f	\$1.87	\$67.32
			Yes				
			8/5/2016				
	MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582						
	NOTE: AISI 304/316 NOT ACCEPTABLE						
Line Total:							\$67.32
2	M303R1.000	303 Round Bar 1.00	8/5/2016		12.00 f	3.63	\$43.50
			Yes			7.30	87.60
			8/5/2016				
	MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582						
	NOTE: AISI 304/316 NOT ACCEPTABLE						
Line Total:							\$43.50

Note:

7/25/2016

8/16-8-3



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO33149

Purchase Order Date 7/25/2016 7:46:22 AM
PO Print Date 7/25/2016

Page Number 2 of 10

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 905 669 9444

Ship To Contact
Ship To Phone
Ship Via: VENDOR'S TRUCK
Ship Acct:

Buyer
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA - (Free Carrier)

3	M303R0.750	✓ 303 Round Bar 0.750	8/5/2016 Yes 8/5/2016	36.00 f	\$4.82	\$173.52
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MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582
NOTE: AISI 304/316 NOT ACCEPTABLE

310

Line Total: \$173.52

4	M304B0.375X03.000	✓ M304 SS bar .375 x 3.00	8/5/2016 Yes 8/5/2016	12.00 f	\$10.70	\$128.40
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MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS
AS PER ASTM A276 OR ASTM A240

NOTE: AISI 303 NOT ACCEPTABLE

8/16-8-3

Line Total: \$128.40

5	M304B0.750X2.500 ✓	304 BAR .750 X 2.50 ✓	8/5/2016 Yes 8/5/2016	12.00 f	\$23.00	\$276.04
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MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS
AS PER ASTM A276 OR ASTM A240

NOTE: AISI 303 NOT ACCEPTABLE

8/16-7-28

Note:

7/25/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO33149

Purchase Order Date 7/25/2016 7:46:22 AM

PO Print Date 7/25/2016

Page Number 3 of 10

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

905 669 9444

Ship To Contact

Ship To Phone

Ship Via:

VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

Line Total: \$276.04

6 M304S16GA 304/316 Sheet .063

8/5/2016

Yes

8/5/2016

160.00

sf

\$4.14

\$661.65

PURCHASE MATERIAL: AISI 304/316 SS SHEET
ANNEALED
SPECIFICATION: MIL-S-5059
OR AMS 5513 (304)
OR AMS 5524 (316)
ORASTMA240
OR ASME SA240

Sp/6-8-3

Line Total: \$661.65

7 M304S11GA 304/316 0.125 Sheet

8/5/2016

Yes

8/5/2016

80.00

sf

\$8.54

\$683.10

MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276

(NOTE: AISI 303 NOT ACCEPTABLE)

Sp/6-7-28

Line Total: \$683.10

Note:

7/25/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO33149

Purchase Order Date 7/25/2016 7:46:22 AM

PO Print Date 7/25/2016

Page Number 4 of 10

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

905 669 9444

Ship To Contact

Ship To Phone

Ship Via:

Ship Acct:

VENDOR'S TRUCK

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

FCA - (Free Carrier)

8

M5052H32S.063

5052-H32 .063 Sheet

8/5/2016

Yes

8/5/2016

32.00

sf

\$2.27

\$72.50

MATERIAL: 5052-H32 ALUMINUM SHEET AS PER
QQ-A-250/8 OR AMS-QQ-A-250/8 OR AMS 4016 OR ASTM B209

Line Total:

\$72.50

9

M6061T6B0.250X02.500

6061-T6 Bar 0.25 x 2.50

8/5/2016

Yes

8/5/2016

12.00

f

\$4.38

\$52.50

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total:

\$52.50

10

M6061T6B0.500X05.000

6061-T6 Bar .500 x 5.00

8/5/2016

Yes

8/5/2016

160.00

f

\$6.45

\$1,032.00

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Sp/6-8-3

Note:

7/25/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO33149

Purchase Order Date 7/25/2016 7:46:22 AM
PO Print Date 7/25/2016

Page Number 5 of 10

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

905 669 9444

Ship To Contact

Ship To Phone

Ship Via:

Ship Acct:

VENDOR'S TRUCK

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

FCA - (Free Carrier)

Line Total:

\$1,032.00

11 M6061T6B0.500X10.000

6061-T6 Bar .500 x 10.00

8/5/2016

Yes

8/5/2016

100.00

\$14.00

\$1,400.00

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total:

\$1,400.00

12 M6061T6B0.375X01.000

6061T6 BAR .375 x 1.00

8/5/2016

Yes

8/5/2016

12.00

\$4.38

\$52.50

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total:

\$52.50

Note:

7/25/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO33149

Purchase Order Date 7/25/2016 7:46:22 AM
PO Print Date 7/25/2016

Page Number 6 of 10

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via:

Ship Acct:

VENDOR'S TRUCK

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

FCA - (Free Carrier)

13	M6061T6B1.000X02.000	6061-T6 Bar 1.00 x 2.00	8/5/2016 Yes 8/5/2016	12.00 f	\$6.29	\$75.50
MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221						
Line Total:						\$75.50
14	M6061T6B1.250X01.250	6061-T6 Bar 1.25 x 1.25	8/5/2016 Yes 8/5/2016	12.00 f	\$4.35	\$52.20
MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221						
Line Total:						\$52.20
15	M6061T6B1.500X01.500	6061-T6 Bar 1.50 x 1.50	8/5/2016 Yes 8/5/2016	12.00 f	\$7.50	\$90.00
MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221						

SEP 16-8-3

Note:

7/25/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO33149

Purchase Order Date 7/25/2016 7:46:22 AM
PO Print Date 7/25/2016

Page Number 7 of 10

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

FCA - (Free Carrier)

Line Total: \$90.00

16 M6061T6H1.000 6061-T6 HexBar 1.00 8/5/2016 12.00
Yes
8/5/2016 f

\$3.75 \$45.00

MATERIAL: 6061-T6/T6511/T6510/T6511/T62 ALUMINUM HEX BAR
SPEC: QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160) OR ASTM B211 OR ASTM B221

Line Total: \$45.00

17 M6061T6R0.563 6061-T6 ROUND BAR .563 8/5/2016 12.00
Yes
8/5/2016 f

\$3.75 \$45.00

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM ROUND BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160) OR ASTM B211 OR
ASTM B221

Line Total: \$45.00

Sp 16-8-3

Note:

7/25/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO33149

Purchase Order Date 7/25/2016 7:46:22 AM
PO Print Date 7/25/2016

Page Number 8 of 10

Order From :

VC-COP001

Ship To : DART AEROSPACE LTD

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

905 669 9444

Ship To Contact

Ship To Phone

Ship Via:

Ship Acct:

VENDOR'S TRUCK

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

FCA - (Free Carrier)

18 M6061T6R0.500

6061-T6 Round Bar .500"

8/5/2016

Yes

8/5/2016

12.00

f

\$3.75

\$45.00

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM ROUND BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total:

\$45.00

19 71401-45

PROCUREMENT
QUALITY CLAUSES

8/5/2016

No

8/5/2016

1.00

\$0.00

\$0.00

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

Line Total:

\$0.00

Note:

7/25/2016

8816-8-3



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO33149

Purchase Order Date 7/25/2016 7:46:22 AM
PO Print Date 7/25/2016

Page Number 9 of 10

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 905 669 9444

Ship To Contact
Ship To Phone
Ship Via: VENDOR'S TRUCK
Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA - (Free Carrier)

20	M6061T6R0.625	6061-T6 Round Bar .625"	8/5/2016 Yes 8/5/2016	12.00 f	\$3.75	\$45.00
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MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM ROUND BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total: \$45.00

21	M6061T6R0.750	6061-T6 Round Bar .750"	8/5/2016 Yes 8/5/2016	12.00 f	\$3.75	\$45.00
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MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM ROUND BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total: \$45.00

22	M6061T6S.080	6061-T6 .080 Sheet	8/5/2016 Yes 8/5/2016	80.00 sf	\$4.52	\$361.88
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MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER
QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
OR ASTM B209

Note:

rec 96.5 FT
Sp/6-8-3



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
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PURCHASE ORDER

Purchase Order ID **PO33149**

Purchase Order Date 7/25/2016 7:46:22 AM

PO Print Date 7/25/2016

Page Number 10 of 10

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

905 669 9444

Ship To Contact

Ship To Phone

Ship Via:

VENDOR'S TRUCK

Ship Acct:

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

FCA - (Free Carrier)

Line Total: \$361.88

23 M6061T6S.125 ✓ 6061-T6 .125 Sheet 8/5/2016
Yes

32.00 ✓ \$5.86 \$187.60
sf

MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER
QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
OR ASTM B209

Line Total: \$187.60

PO Total: \$5,635.20

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 4

Change Date: 7/25/2016